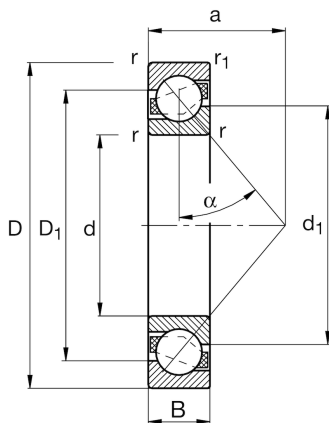


**FAG****7213-B-XL-MP-UB**

Angular contact ball bearing

Angular contact ball bearing 72..-B-XL-MP,
single row, X-life, solid brass cage**X-life**

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	23 mm	Width
C _r	68.000 N	Basic dynamic load rating, radial
C _{0r}	52.000 N	Basic static load rating, radial
C _{ur}	3.600 N	Fatigue load limit, radial
n _G	9.900 1/min	Limiting speed
n _{gr}	5.700 1/min	Reference speed
≈m	1,105 kg	Weight

Mounting dimensions

d _{a min}	74 mm	Minimum diameter of shaft shoulder
D _{a max}	111 mm	Maximum diameter of housing shoulder
D _{b max}	114,4 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius of shaft
r _{a1 max}	1 mm	Maximum fillet radius of housing

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1 mm	Minimum chamfer dimension
D ₁	98,9 mm	Shoulder diameter on outer ring wide side face
d ₁	86,32 mm	Shoulder diameter on inner ring wide side face
a	50,3 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.



[View product details on medias](#)

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Additional information

A _{min}	26 μm	Axial clearance per set min.
Tol (+)	12 μm	Tolerance for axial clearance or preload per set